



EMP- (305-325) S60AH

ELECTRICAL DATA (STC)

Peak Power Watts-PMAX (Wp)	305	310	315	320	325
Power Tolerance	±3%				
Binning Tolerance	0~+5				
Maximum Power Voltage-VMPP (V)	33.2V	33.6V	34.0V	34.4V	34.8V
Maximum Power Current-IMPP (A)	9.20A	9.24A	9.27A	9.31A	9.34A
Open Circuit Voltage-VOC (V)(± 2%)	40.0V	40.2V	40.4V	40.6V	40.7V
Short Circuit Current-ISC (A)(± 2%)	9.71A	9.78A	9.81A	9.87A	9.94A
Module Efficiency (%)	18.6%	18.9%	19.2%	19.5%	19.8%

STC: Irradiance 1000W/m², Cell Temperature 25C°, Air Mass AM1.5.

MECHANICAL DATA

Solar Cells	Monocrystalline 156.75 × 156.75 mm (6 inches)
Cell Orientation	60 cells (6 × 10)
Module Dimensions	1650×992×35/40mm
Weight	18.5kg/20kg
Glass	3.2 mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	IP 65 or IP 67 rated
Cables	Photovoltaic Technology Cable 4.0 ² mm (0.006 inches)
Connector	T01

TEMPERATURE RATINGS

Temperature Coecient of Pmax	-0.420%/°C
Temperature Coecient of Voc	-0.340%/°C
Temperature Coecient of Isc	0.055%/°C

MAXIMUM RATINGS

Operational Temperature	-40+85°C
Maximum System Voltage	1500V
Max Series Fuse Rating	15A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

WARRANTY

10 year Product Workmanship Warranty
25 year Linear Power Warranty

PACKAGING CONFIGURATION

Modules per box: 30pcs/27pcs
Modules per 40' container: 840 pcs/756pcs
Modules per 40' container: 896 pcs/812pcs

